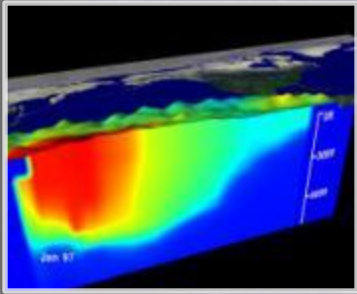
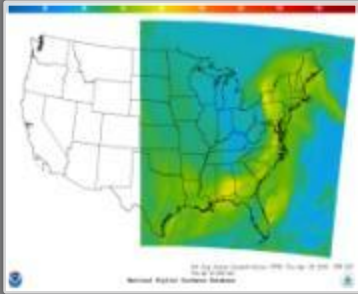
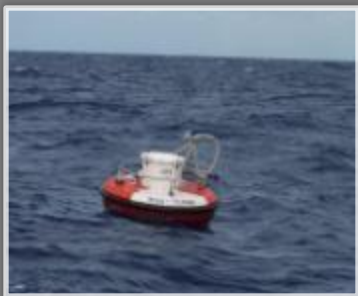


# Integrating Autonomous Technologies in Ocean Observations: Identifying Mission Applications



Craig McLean, Deputy Assistant Administrator, NOAA Research  
Oct 2012 • Virginia Beach, VA • MTS/IEEE Oceans 2012 Conference



# Workshop Agenda

## ☑ Kickoff/Introductory Remarks

- ☑ Dr. Kathryn Sullivan, Assistant Secretary, NOAA
- ☑ Craig McLean, Deputy Assistant Administrator, NOAA Research

## ☑ NOAA Mission Applications

- ☑ Hydrography - CDR Shep Smith
- ☑ Bottom Characterization - Dr. Tim Arcano
- ☑ Ecosystems - Dr. Elizabeth Clarke
- ☑ Break
- ☑ Weather and Ocean Observation- Kathleen O'Neil

## ☑ Summary and Wrap-up

- ☑ Craig McLean



# Key Discussion

- ✓ NOAA Mission Requirements
- ✓ Current NOAA Methods
- ✓ How Can Our Community Complete Our Mission Using New Technologies?



# Wrap-up

## ✔ Overarching themes

- ✔ Improve the business model, platform, and/or sensor
- ✔ Data processing challenges
- ✔ Integration of observations to meet different mission requirements
- ✔ Increase power, longevity, endurance of new technologies
- ✔ How to incentivize change, intercalibrate, and defray associated increased costs?



# Follow-up

## ✓ Follow-up

- ✓ We invite your clarification of these issues
- ✓ Let us know other venues to continue discussion
- ✓ Consider submitting to our RFI

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✓ Website:

✓ <http://www.ioos.gov/oceans12mts/>

